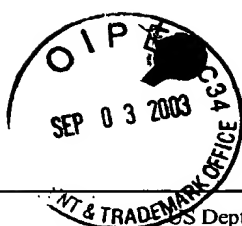


[illegible]



Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		U.S. Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111092		APPLICATION NO. 09/987,178	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Vuichi KAWAMOTO et al.			
				FILING DATE November 13, 2001		GROUP 2837	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
EC		JP 62-218232 (w/Abstrt) ✓	09/1987	JAPAN			
↓		JP 62-124349 (w/Abstrt) ✓	06/1987	JAPAN			
		JP 11-190425 (w/Abstrt & Trans) ✓	07/1999	JAPAN			
↓		JP 50-94369 ✓	12/1948	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		<div style="text-align: center;"><b>RECEIVED</b> SEP 11 2003 <b>GROUP 3600</b></div> <div style="text-align: right;">RECEIVED SEP -4 2003 TECHNOLOGY CENTER 2800</div>					
EXAMINER <b>ERIC CULBRETH</b>				DATE CONSIDERED <b>10/1/03</b>			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: September 3, 2003